

Please delete the abstract at page 17 and insert the following new abstract:

ABSTRACT OF THE DISCLOSURE

A dispersion-shifted fiber has a zero dispersion wavelength that is longer than 1640 nm. A wavelength dispersion is -1.0 ps/nm/km to -10.0 ps/nm/km at a wavelength range between 1530 nm and 1625 nm. A dispersion slope is less than 0.07 ps/nm<sup>2</sup>/km. A polarization mode dispersion is not more than 0.1 ps/(km)<sup>1/2</sup> at a wavelength of 1550 nm. A core cross-sectional area is 40 μm<sup>2</sup> to 70 μm<sup>2</sup> at the wavelength of 1550 nm.